



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
401 M Street, S.W.
WASHINGTON, D.C. 20460

8570-35

Form Approved OMB No. 2070-0060

Paperwork Reduction Act Notice: The public reporting burden for this collection of information is estimated to average 0.25 hours per response for registration activities and 0.25 hours per response for reregistration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 401 M Street, S.W., Washington, DC 20460. Do not send the form to this address.

DATA MATRIX

Date	16 February 2005	EPA Reg No./File Symbol	7173-174	Page 1 of 6	
Applicant's/Registrant's Name & Address		Product			
Liphatech, Inc. 3600 W. Elm Street, Milwaukee, WI 53209		Maki Technical			
Ingredient bromadiolone					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
830.1550	Product Compostion	attached	Liphatech, Inc.	own	
830.1600	Description of materials used	attached	Liphatech, Inc.	own	
830.1620	Description of production process	attached	Liphatech, Inc.	own	
830.1650	Description of formulation process	attached	Liphatech, Inc.	own	
830.1670	Discussion of formation of impurities	attached	Liphatech, Inc.	own	
830.1700	Preliminary analysis	attached	Liphatech, Inc.	own	
830.1750	Certified limits	attached	Liphatech, Inc.	own	
830.1800	Enforcement analytical method	attached	Liphatech, Inc.	own	
830.1800	Enforcement analytical method (Validation)	45925002	Liphatech, Inc.	own	
830.1800	Enforcement analytical method (Validation)	45925003	Liphatech, Inc.	own	
830.1800	Enforcement analytical method (Validation)	45939701	Liphatech, Inc.	own	
830.6302	Color	45738902	Liphatech, Inc.	own	
830.6303	Physical state	45738903	Liphatech, Inc.	own	
830.6304	Odor	waived			
830.6313	Stability to Sunlight	42395901	Liphatech, Inc.	own	
Signature			Name and Title		Date
			Thomas J. Schmit, Manager of Regulatory Affairs		16 Feb 2005



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Ingredient bromadiolone					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
			Liphatech, Inc.	own	
			Liphatech, Inc.	own	
			Liphatech, Inc.	own	
			Liphatech, Inc.	own	
			Liphatech, Inc.	own	
			Liphatech, Inc.	own	
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			Liphatech, Inc.	own	
			Liphatech, Inc.	own	
			Liphatech, Inc.	own	
			Liphatech, Inc.	own	
			Liphatech, Inc.	own	
Signature			Name and Title Thomas J. Schmit, Manager of Regulatory Affairs		Date 16 Feb 2005



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Ingredient bromadiolone					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
830.6313	Stability to Sunlight	45738904	Liphatech, Inc.	own	
830.6314	Oxidation / reduction chemical incompatibility	waived			
830.6315	Flammability	waived			
830.6316	Explosibility	waived			
830.6317	Storage stability	45738905	Liphatech, Inc.	own	
830.6319	Miscibility	waived			
830.6320	Corrosion characteristics	45738905	Liphatech, Inc.	own	
830.6321	Dielectric Breakdown Voltage	waived			
830.7000	pH	45738906	Liphatech, Inc.	own	
830.7050	UV/visible light absorption	45925001	Liphatech, Inc.	own	
830.7100	Viscosity	waived			
830.7200	Melting point/melting point range	45738907	Liphatech, Inc.	own	
830.7220	Boiling point/boiling point range	waived			
830.7300	density/relative density/bulk density	45738908	Liphatech, Inc.	own	
830.7370	Dissociation Constant in Water	45738909	Liphatech, Inc.	own	
Signature		Name and Title		Date	
		Thomas J. Schmit, Manager of Regulatory Affairs		16 Feb 2005	

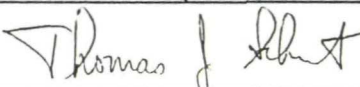


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Ingredient bromadiolone					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
			Liphatech, Inc.	own	
			Liphatech, Inc.	own	
			Liphatech, Inc.	own	
			Liphatech, Inc.	own	
			Liphatech, Inc.	own	
			Liphatech, Inc.	own	
			Liphatech, Inc.	own	
Signature 			Name and Title Thomas J. Schmit, Manager of Regulatory Affairs		Date 16 Feb 2005

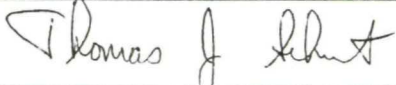


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Ingredient bromadiolone					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
830.7550	n-Octanol/Water Partition Coefficient	45738910	Liphatech, Inc.	own	
830.7840	Solubility to Organic Solvents	45738911	Liphatech, Inc.	own	
830.7950	Vapor Pressure	42395901	Liphatech, Inc.	own	
71-1(a)	Acute avian oral (quail)	00257770	Liphatech, Inc.	own	
71-1(a)	Acute avian oral (quail)	41707301	Liphatech, Inc.	own	
71-1(a)	Acute avian dietary (quail)	00143280	Liphatech, Inc.	own	
71-2(b)	Acute avian dietary (duck)	00249995	Liphatech, Inc.	own	
71-2(b)	Acute avian dietary (duck)	00143278	Liphatech, Inc.	own	
71-3	Wild Mammal toxicity	00162324	Liphatech, Inc.	own	
71-3	Wild Mammal toxicity	00264384	Liphatech, Inc.	own	
72-1(a)	Fish toxicity bluegill	00070141	Liphatech, Inc.	own	
72-1(c)	Fish toxicity rainbow	2232567	Liphatech, Inc.	own	
72-2(a)	Invertebrate toxicity	42093302	Liphatech, Inc.	own	
72-2 (b)	Invertebrate toxicity	42093302	Liphatech, Inc.	own	
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Ingredient bromadiolone					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
			Liphatech, Inc.	own	
			Liphatech, Inc.	own	
			Liphatech, Inc.	own	
			Liphatech, Inc.	own	
			Liphatech, Inc.	own	
			Liphatech, Inc.	own	
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Ingredient bromadiolone					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
81-1	Acute oral toxicity (rat)	41900001	Liphatech, Inc.	own	
81-1	Acute oral toxicity (rat)	00226432	Liphatech, Inc.	own	
81-1	Acute oral toxicity (rat)	00241703	Liphatech, Inc.	own	
81-2	Acute dermal toxicity (rabbit)	42673701	Liphatech, Inc.	own	
81-3	Acute inhalation toxicity (rat)	41976901	Liphatech, Inc.	own	
81-3	Acute inhalation toxicity (rat)	42237502	Liphatech, Inc.	own	
81-4	Primary eye irritation (rat)	00088113	Liphatech, Inc.	own	
81-4	Primary eye irritation (rat)	00088114	Liphatech, Inc.	own	
81-5	Primary dermal irritation	waived			
81-6	Dermal sensitization	waived			
82-1 (a)	90-day feeding (rodent)	waived			
82-1 (b)	90-day feeding (non-rodent)	waived			
82-2	21-day dermal	waived			
83-3 (a)	Teratogenicity-rat	92196014	Liphatech, Inc.	own	
83-3 (b)	Teratogenicity-rabbit	92196015	Liphatech, Inc.	own	
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Product			Maki Technical			
Ingredient bromadiolone						
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note	
			Liphatech, Inc.	own		
			Liphatech, Inc.	own		
			Liphatech, Inc.	own		
			Liphatech, Inc.	own		
			Liphatech, Inc.	own		
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			Liphatech, Inc.	own		
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Ingredient bromadiolone					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
84-2 (a)	Gene mutation (ames)	42632101	Liphatech, Inc.	own	
84-2 (b)	Structural chromosome aberrations	42943503	Liphatech, Inc.	own	
84-2 (b)	Structural chromosome aberrations	42943502	Liphatech, Inc.	own	
84-4	Other genotoxic effects	waived			
85-1	General metabolism	42596801	Liphatech, Inc.	own	
86-1	Domestic animal safety	42093301	Liphatech, Inc.	own	
96-10	Efficacy (method 1.213)	45602601	Liphatech, Inc.	own	
96-10	Efficacy (method 1.214)	45370101	Liphatech, Inc.	own	
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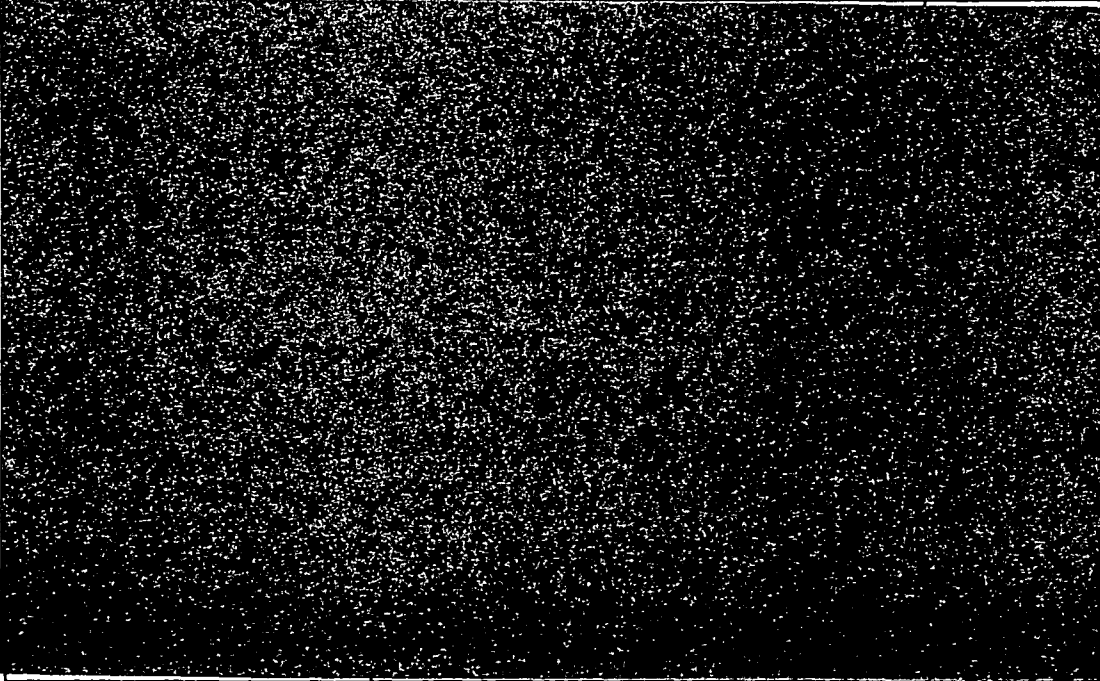
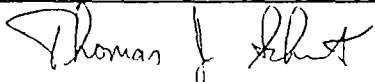
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Ingredient	bromadiolone				
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
			Liphatech, Inc.	own	
			Liphatech, Inc.	own	
			Liphatech, Inc.	own	
			Liphatech, Inc.	own	
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Ingredient bromadiolone					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
160-5	Chemical identity	waived			
161-1	Hydrolysis	42237501	Liphatech, Inc.	own	
161-2	Photodegradation-water	waived			
161-3	Photodegradation-soil	waived			
161-4	Photodegradation-air	waived			
162-1	Aerobic soil metabolism	43594301	Liphatech, Inc.	own	
162-3	Anaerobic aquatic metabolism	waived			
163-1	Leach./adsorp./desorp.	43000702	Liphatech, Inc.	own	
164-1	Terrestrial field dissipation	waived			
164-5	Long term soil dissipation	waived			
166-2	Ground water	waived			
166-3	Ground water-irrigation	waived			
171-2	Chemical Identity	waived			
201-1	Droplet size spectrum	waived			
202-1	Drift field evaluation	waived			
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Ingredient bromadiolone

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
			Liphatech, Inc.	own	
			Liphatech, Inc.	own	
			Liphatech, Inc.	own	

Signature		Name and Title	Thomas J. Schmit, Manager of Regulatory Affairs	Date	16 Feb 2005
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